#10 8/9/02 1632

1600

RAW SEQUENCE LISTING DATE: 08/01/2002
PATENT APPLICATION: US/09/655,109 TIME: 13:29:16

Input Set : A:\seq listing.txt
Output Set: N:\CRF3\08012002\I655109.raw

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 3 <110> APPLICANT: Noteborn, Mathieu H.M.
 4       Astrid, Danen-Van Oorschot AAM
 6 <120> TITLE OF INVENTION: Apoptin-Associating Proteins
 8 <130> FILE REFERENCE: 2906-4995US
10 <140> CURRENT APPLICATION NUMBER: 09/655,109
11 <141> CURRENT FILING DATE: 2000-09-05
13 <150> PRIOR APPLICATION NUMBER: EP 99202858.9
14 <151> PRIOR FILING DATE: 1999-09-02
16 <150> PRIOR APPLICATION NUMBER: EP 99203465.2
17 <151> PRIOR FILING DATE: 1999-10-21
19 <160> NUMBER OF SEQ ID NOS: 10
21 <170> SOFTWARE: PatentIn version 3.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 17
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: pACT-specific 17-mer
31 <400> SEQUENCE: 1
32 taccactaca atggatg                                              17
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36 <211> LENGTH: 10
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Myc-tag
43 <400> SEQUENCE: 2
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46 1               5                  10
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50 <211> LENGTH: 16
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: AAP-1 peptide
57 <400> SEQUENCE: 3
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60 1               5                  10                  15
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64 <211> LENGTH: 947
65 <212> TYPE: DNA
66 <213> ORGANISM: Homo sapiens
68 <220> FEATURE:
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     77 <223> OTHER INFORMATION: AAP-1-a nucleic acid
     80 <220> FEATURE:
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     82 <222> LOCATION: (145)..(145)
     83 <223> OTHER INFORMATION: N may be any nucleotide
     86 <400> SEQUENCE: 4
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     89 tgctgaagcc tttaaatgca gcatctgcga tgtgaggaaa ggcacctcca ccagaaaacc    120
W--> 91 tcggatcaat tctcagctgg tggcncaaca agtggcacaa cagtatgcca ccccaccacc    180
     93 ccctaaaaag gagaagaagg agaaagttga aaagcaggac aaagagaaac ctgagaaaga    240
     95 caaggaaatt agtcctagtg ttaccaagaa aaataccaac aagaaaacca aaccaaagtc    300
     97 tgacattctg aaagatcctc ctagtgaagc aaacagcata cagtctgcaa atgctacaac    360
     99 aaagaccagc gaaacaaatc acacctcaag gccccggctg aaaaacgtgg acaggagcac    420
    101 tgcacagcag ttggcagtaa ctgtgggcaa cgtcaccgtc attatcacag actttaagga    480
    103 aaagactcgc tcctcatcga catcctcatc cacagtgacc tccagtgcag ggtcagaaca    540
    105 gcagaaccag ascagctcgg ggtcagagag cacagacaag ggctcctccc gttcctccac    600
    107 gccaaagggc gacatgtcag cagtcaatga tgaatctttc tgaaattgca catggaattg    660
    109 tgaaaactat gaatcagggt atgaaattca aaacctccac ctgcccatgc tgcttgcatc    720
    111 cctggagaat cttctgtgga catcgacctc ttagtgatgc tgccaggata atttctgctt    780
    113 gccatgggca tctggccacc aaggaatttc gcaccctgac gattactctt gacactttta    840
    115 tgtattccat tgttttatat gattttccta acaatcattt ataattggat gtgctcctga    900
    117 atctactttt tataaaaaaa gccttygtgg cctcgagaga tctatga                 947
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    122 <212> TYPE: DNA
    123 <213> ORGANISM: Homo sapiens
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    126 <221> NAME/KEY: misc_feature
    127 <222> LOCATION: (1)..(1131)
    128 <223> OTHER INFORMATION: AAP-1-b nucleic acid
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    132 tataactatc tattcgatga tgaagatacc ccaccaaacc caaaaaaaga gatctggaat     60
    134 tcggatcctc gaggccacga aggcctttct cctccgagcg gcgccggttt cggcttgggg    120
    136 ggggcggggt acagcccatc catgaccatg ggcgacaaga agagcccgac caggccaaaa    180
    138 agacaagcga aacctgccgc agacgaaggg ttttgggatt gtagcgtctg caccttcaga    240
    140 aacagtgctg aagcctttaa atgcagcatc tgcgatgtga ggaaaggcac ctccaccaga    300
    142 aaacctcgga tcaattctca gctggtggca caacaagtgg cacaacagta tgccacccca    360
    144 ccacccccta aaaaggagaa gaaggagaaa gttgaaaagc aggacaaaga gaaacctgag    420
    146 aaagacaagg aaattagtcc tagtgttacc aagaaaaata ccaacaagaa aaccaaacca    480
    148 aagtctgaca ttctgaaaga tcctcctagt gaagcaaaca gcatacagtc tgcaaatgct    540
    150 acaacaaaga ccagcgaaac aaatcacacc tcaaggcccc ggctgaaaaa cgtggacagg    600
    152 agcactgcac agcagttggc agtaactgtg ggcaacgtca ccgtcattat cacagacttt    660
    154 aaggaaaaga ctcgctcctc atcgacatcc tcatccacag tgacctccag tgcagggtca    720
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156 gaacagcaga accagagcag ctcggggtca gagagcacag acaagggctc ctcccgttcc    780
158 tccacgccaa agggcgacat gtcagcagtc aatgatgaat ctttctgaaa ttgcacatgg    840
160 aattgtgaaa actatgaatc agggtatgaa attcaaaacc tccacctgcc catgctgctt    900
162 gcatccctgg agaatcttct gtggacatcg acctcttagt gatgctgcca ggataatttc    960
164 tgcttgccat gggcatctgg ccaccaagga atttcgcacc ctgacgatta ctcttgacac   1020
166 ttttatgtat tccattgttt tatatgattt tcctaacaat catttataat tggatgtgct   1080
168 cctgaatcta ctttttataa aaaggccttc gtggcctcga gagatctatg a            1131
171 <210> SEQ ID NO: 6
172 <211> LENGTH: 352
173 <212> TYPE: PRT
174 <213> ORGANISM: Homo sapiens
176 <220> FEATURE:
177 <221> NAME/KEY: MISC_FEATURE
178 <222> LOCATION: (1)..(352)
179 <223> OTHER INFORMATION: X is unknown amino acid residue
182 <400> SEQUENCE: 6
184 His Glu Gly Leu Ser Pro Pro Ser Gly Ala Gly Phe Gly Leu Gly Gly
185 1               5                  10                  15
188 Ala Gly Tyr Ser Pro Ser Met Thr Met Gly Asp Lys Lys Ser Pro Thr
189             20                  25                  30
192 Arg Pro Lys Arg Gln Ala Lys Pro Ala Ala Asp Glu Gly Phe Trp Asp
193         35                  40                  45
196 Cys Ser Val Cys Thr Phe Arg Asn Ser Ala Glu Ala Phe Lys Cys Ser
197     50                  55                  60
200 Ile Cys Asp Val Arg Lys Gly Thr Ser Thr Arg Lys Pro Arg Ile Asn
201 65                  70                  75                  80
204 Ser Gln Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro
205                 85                  90                  95
208 Pro Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Pro Lys Glu
209             100                 105                 110
212 Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys Asn
213         115                 120                 125
216 Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp Pro Pro
217     130                 135                 140
220 Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr Lys Thr Ser
221 145                 150                 155                 160
224 Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn Val Asp Arg Ser
225                 165                 170                 175
228 Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn Val Thr Val Ile Ile
229             180                 185                 190
232 Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser Ser Thr Ser Ser Ser Thr
233         195                 200                 205
236 Val Thr Ser Ser Ala Gly Ser Glu Gln Gln Asn Gln Ser Ser Ser Gly
237     210                 215                 220
240 Ser Glu Ser Thr Asp Lys Gly Ser Ser Ala Ser Ser Thr Pro Lys Gly
241 225                 230                 235                 240
W--> 244 Asp Met Ser Ala Val Asn Asp Glu Ser Phe Xaa Asn Cys Thr Trp Asn
245                 245                 250                 255
248 Cys Glu Asn Tyr Glu Ser Gly Tyr Glu Ile Gln Asn Leu His Leu Pro
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```
     249                 260                 265                 270
W--> 252 Met Leu Leu Ala Ser Leu Glu Asn Leu Leu Trp Thr Ser Thr Ser Xaa
     253         275                 280                 285
W--> 256 Xaa Cys Cys Gln Asp Asn Phe Cys Leu Pro Trp Ala Ser Gly His Gln
     257     290                 295                 300
W--> 260 Gly Ile Ser His Pro Asp Asp Tyr Ser Xaa His Phe Tyr Val Phe His
     261 305                 310                 315                 320
W--> 264 Cys Phe Ile Xaa Phe Ser Xaa Gln Ser Phe Ile Ile Gly Cys Ala Pro
     265                 325                 330                 335
W--> 268 Glu Ser Thr Phe Tyr Lys Lys Ala Phe Val Ala Ser Arg Asp Leu Xaa
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     272 <210> SEQ ID NO: 7
     273 <211> LENGTH: 40
     274 <212> TYPE: DNA
     275 <213> ORGANISM: Artificial Sequence
     277 <220> FEATURE:
     278 <223> OTHER INFORMATION: pACT-AAP-1b forward primer
     280 <400> SEQUENCE: 7
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     285 <211> LENGTH: 40
     286 <212> TYPE: DNA
     287 <213> ORGANISM: Artificial Sequence
     289 <220> FEATURE:
     290 <223> OTHER INFORMATION: pACT-AAP-1b reverse primer
     292 <400> SEQUENCE: 8
     293 aaaagtcgac tcagaaagat tcatcattga ctgctgacat                        40
     296 <210> SEQ ID NO: 9
     297 <211> LENGTH: 35
     298 <212> TYPE: DNA
     299 <213> ORGANISM: Artificial Sequence
     301 <220> FEATURE:
     302 <223> OTHER INFORMATION: pACT-AAP-1b forward primer
     304 <400> SEQUENCE: 9
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     309 <211> LENGTH: 46
     310 <212> TYPE: DNA
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     316 <400> SEQUENCE: 10
     317 aagaagtacg cggccgcgaa agattcatca ttgactgctg acatgt                46
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/01/2002
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 5,145
Seq#:6; Xaa Pos. 251,288,289,314,324,327,352

VERIFICATION SUMMARY DATE: 08/01/2002
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Input Set : **A:\seq listing.txt**
Output Set: **N:\CRF3\08012002\I655109.raw**

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L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:120
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:240
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:272
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:288
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:304
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:320
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:336